





EXPLAINS REALLOCATIONS  
OF REALLOCATIONS

Radio Commissioner O. H. Caldwell, Zone 1, Outlines Aims and Purposes of New Plan

IS VERY OPTIMISTIC

By O. H. CALDWELL  
Federal Radio Commissioner, Representative  
Zone 1

Today the Federal Radio Commission carries out the latest radio broadcasting plan, revised by the act of Congress, that the radio broadcasting system be reorganized and other facilities be redistributed equally among all the citizens of the Republic—that is, be divided among the States and sections of the Nation, according to population.

This redistribution of the country's radio, ordered by the national law, making body of course means the withdrawal of wave lengths from some States and communities which have heretofore been enjoying an excess of broadcasting stations, and the reassignment of such wave lengths to States and communities which have heretofore been enjoying a deficit of broadcasting stations because the national spectrum was already full.

With such redistribution of wave lengths and upsetting of the familiar broadcasting structure made inevitable by the "equalizing" amendments of the 1928 Act of Congress, it has been the concern of the commission, while faithfully carrying out the equalizing of "proportionally" feature of the act—to see that a high standard of radio service be restored to the American public, which has suffered two years of interference and heterodynes growing out of the law's breakdown in 1926.

## Had Expert Help

The best radio engineering talent in the country was accordingly consulted, and many months of study and analysis have been devoted to the problem by the Commissioners and the commission's engineering staff. The resulting plan, which became effective today, was announced in detail in September, and now, after sixty days of scrutiny by radio experts, the plan stands without a valid criticism that its fundamentals should be changed or that more stations could have been accommodated consistently with good radio.

It is the millions of rural listeners in the agricultural sections and in remote towns and villages who will be the chief beneficiaries of the new arrangement—especially in their future opportunity to hear clearly distant large stations and the small stations in their own neighborhoods and States.

Greatly improved service to remote and farm listeners may also be expected on the forty high-power rural-service channels. And since these forty rural-service channels are assigned equally—eight to each of the five zones—wide geographical distribution of the country's higher-power broadcasting facilities will be assured to reach rural audiences in all sections.

The smaller broadcasters will also enjoy improved operating conditions, for channels on which such regional stations will operate will be largely cleared of interference, enabling 500-watt and 1000-watt stations to reach out farther than has been possible since 1926.

The great class of local 100-watt stations has also been given particular consideration, since the plan provides for full-time assignments for such local community broadcasters, practically equaling in number the total of all the larger classes of broadcasters put together. These local channels are indeed the only ones in the entire allocation where there is yet "room to spare."

**Right of Protest**  
Of course, some stations and their listeners may feel that the available wave lengths and time should have been differently assigned. In such cases, the aggrieved station has only to file with the commission an application for the wave length, time and power of some other stations in its vicinity to which it thinks itself better entitled than the station so assigned.

A public hearing will then be set, all stations and parties at interest will be notified, and both the applicant station and the defendant station will have the fullest opportunity to present testimony by witnesses and affidavit, showing the public service each station is rendering. After hearing the evidence, the commission will then assign the contested wave length in the best public interest.

Such hearings on the claims of contesting stations have been held on every available day since October 11, some of these hearings continuing all day long and until midnight, in order to expedite the fullest justice to all listeners and broadcasters. Other such hearings will continue after the reallocation date, until all cases have been fully gone into.

Time will be required for the new radio broadcasting set-up to get into good operating trim. Some 600 different transmitters are involved, circuits and antennas have to be reconstructed and frequency-control equipment must be readjusted. It may be some days or weeks before this vast broadcasting machine is operating as a smooth-working whole.

The patience of the public is therefore invited, with the knowledge that through the new plan there will eventually be restored to the American public radio broadcasting service without parallel in the history of the art. For the channels will be once more "cleared" as they were in 1924 and 1925, while meantime the stations operating on them are, of course, in all respects—programs, tone modulation, frequency control and power—much better equipped than formerly.

## Announces Expansion in Business

Donald MacGregor, secretary and treasurer of the All-American Mowhawk Corporation, maker of the Lyric Radio, reports that more than 600 workers are now employed in the Chicago plant of the company. The office staff has been greatly increased, especially in the accounting, sales and advertising departments.

## STATIONS BY CALL

Call	Power	Call	Power
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500

## "K" CALL LETTERS

Call	Power	Call	Power
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500

## "W" CALL LETTERS

Call	Power	Call	Power
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500
WABC	500	WABC	500

## STATION WIP ANNOUNCES ITS BROADCAST SCHEDULE UNDER NEW ALLOCATIONS

Beginning Today It Divides Time With WFAN on 492 Meters

Meters

Beginning today, Station WIP will broadcast on a frequency of 610 kilocycles on 492 meters, dividing time with Station WFAN on the same wave-length.

Station WIP will broadcast every Monday, Wednesday and Friday nights from 6 o'clock until midnight.

Several new features will be added to the WIP schedule. The Newton Coal Radio Forum, formerly heard on Thursday nights from 9 to 10, will take place now on Wednesday nights from 9 to 10 o'clock. The Hajoca Musical Show now being broadcast on Thursday nights from 8 to 9 will be broadcast on Friday nights from 8 to 9 o'clock.

Other musical features being arranged for this coming season are WIP Light Opera Company, La Marquise Concert Ensemble, the Four Hawaiians, the Melodique Instrumental Trio, the WIP Mixed Quartet, the Wanderers Male Quartet.

In addition to the above, several complete performances of grand opera by the Philadelphia Civic Opera Company are to be broadcast, and many interesting Sunday night features are being arranged for radio presentation.

The WIP engineering staff, under the direction of Edward W. Davies, director of WIP, worked all night last night changing antenna equipment to conform to the new broadcasting conditions.

## AUGUST RADIO EXPORTS

Canada Was Best Customer for Receiving Sets

Washington.—Exports of radio receiving sets during the month of August totaled \$460, valued at \$350,994, of which Canada, the best customer, took 444, with Argentina second, taking 120, according to Department of Commerce reports.

During the same month also 42,624 radio tubes were exported, valued at \$73,328, and \$74,636 worth of transmitting sets and parts were shipped abroad. The value of receiving-set components exported was \$313,273, while the value of receiving-set accessories exported was \$195,515.

## OLD COMPANY'S PROGRAM

Werrenrath Sings "Songs of the Late War" Tonight

The next in the series of Old Company's programs, featuring Reinhold Werrenrath and sponsored by the Lehigh Coal and Navigation Company, presents the American baritone in a series of "Songs of the Late War" to be broadcast through WIP, WFAN tonight at 7 o'clock.

The Public Ledger Radio Dial Sheet and Station Directory, printed below, lists United States and Canadian stations of 500 watts and above, and all local and nearby stations of less than 500 watts, under three different classifications.

Under the heading, "Stations by Kilocycle Frequencies and Wave Lengths," stations are listed by kilocycle frequencies and wave lengths, beginning with the longest-wave stations. In this classification, which is the dial sheet proper, spaces are provided for marking dial settings so that stations once logged may be tuned in at will. Here are also shown station call letters, locations, power in watts and distances in miles by air line from Philadelphia.

The locations shown in this classification are the locations of the transmitters of the stations. In the majority of cases the studios and transmitters are identical in location. In some instances, however, they are not.

Under the heading, "Stations by Locations," the stations are listed alphabetically by cities, with call letters following. The locations here shown are the locations of the studios. This listing, it is believed, is found exclusively in the Public Ledger Radio Dial Sheet.

## LOG OF STATIONS BY KILOCYCLE FREQUENCIES AND WAVE LENGTHS

Kero | Meter | Station | Location | DIAL SETTINGS | Power | Dist. |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

500 | 545.1 | WGR, Buffalo | Buffalo, N. Y. | 750 | 250 |

call letters, locations, power in watts and distances in miles by air line from Philadelphia.

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## LOG OF STATIONS BY KILOCYCLE FREQUENCIES AND WAVE LENGTHS

Kero | Meter | Station | Location | DIAL SETTINGS | Power | Dist. |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |

1050 | 285.5 | WTMJ, Indianapolis, Ind. | Indianapolis, Ind. | 15000 | 270 |







## Important Program Notice

Beginning today, the majority of the broadcasting stations of the United States go on changed wave lengths, power or time divisions or all three. Many stations have already announced it will be impossible for them to give out a definite program schedule for the week of November 11. For this reason listeners are asked by the Federal Radio Commission, which has issued the orders effecting sweeping changes in radio allocation, to be patient and co-operate in every way possible with the radio stations until they can arrange their time schedules to conform to the changed conditions. It will, therefore, be impossible this week to guarantee the accuracy of out-of-town programs, with the exception of the key stations of the National Broadcasting Company and the Columbia Broadcasting System and, of course, the local stations. This will not apply to all out-of-town programs, but it will apply to many. Few stations will be found on their old wave or to be operating on old time schedules. A dial chart, showing the new wave lengths, power ratings, kilocycle frequencies, locations and distances in miles from Philadelphia of out-of-town stations of 500 watts and above and all local and nearby stations, is printed in this radio section.

## TODAY'S FEATURES

- 9:00 A. M.—WJZ: NBC Children's Hour.  
12:30—WEAF: Sylvester Hour.  
1:30—WJIT: WEAF: Peerless Reproducers.  
2:00—WJIT: Public Ledger concert; address by Gordon W. Haines, commander, United States Navy; Benjamin Franklin Concert Orchestra, W. Irving Oppenheim, director; the Schumann Club, Frederick F. Leonard, director; Harmonica Band, Albert N. Hoxie, director; Alice Wightman, accompanist.  
WJZ: The Rocky Stripli; Vascha Bunchuk, cellist.  
3:30—WCAU: Fox News Fur Trappers in the North Woods.  
WEAF: Frances Papette, soprano.  
3:00—WCAU, WABC: Symphonic Hour.  
4:00—WCAU, WABC: Cathedral Hour.  
WJZ: Armistice Day service; Major General Henry T. Allen, chairman.  
5:00—WCAU: Hoxter Jubilee Singers.  
5:35—WEAF: Arcadia Birkenholz, violinist.  
6:00—WCAU: Household Finance program; Landay Sisters.  
WFL: WEAF: Stetson parade, with the Weymouth Post, American Legion Band.  
6:30—WJIT, WEAF: Acousticon Hour.  
WJZ: Whittall Anglo-Persians, war songs.  
7:00—WCAU (half hour): Booth Family Hour; address, "Armistice Day," by Judge Frank Smith.  
WJIT, WEAF (half hour): Old Company's program; Reinald Werrenrath.  
WJZ (one hour): The Spotlight Hour; operettas of Victor Herbert.  
7:30—WEAF (hour and a half): Music by Major Bowes' Family from Capitol Theatre.  
8:00—WJIT (half hour): Royal Electric Mixed Quartet.  
8:15—WJZ (one hour): Collier's Radio Hour; Rodger Babson, speaker.  
8:30—WCAU, WABC (half hour): La Palma Hour; Olive Kline.  
WJIT (one hour): Trilling and Montague Hour; Martha Everett, contralto; Virginia Snyder, accompanist.  
9:00—WCAU, WABC: Majestic's Two Black Crows; Arnold Johnson's Orchestra.  
9:15—WFL, WEAF, WJZ (one hour): American Legion Armistice Day program; President Coolidge, John J. Pershing and Paul V. McNutt, speakers; United States Army Band.  
10:00—WJZ: WFL Little Symphony Orchestra; Clarence Fuhrman, director; Armistice Day scenes; Frederick Homer, baritone.  
WCAU, WABC (half hour): De Forest Auditions; war songs.  
10:15—WFL, WEAF (one hour): Atwater Kent Radio Hour; Maria Kurenko, soprano.  
WJZ (one hour): Low White Ensemble.  
10:30—WCAU, WABC (half hour): Come to the Fair.  
11:00—WABY: Travesty on "Porgy"; Billy Scollow, master of ceremonies.

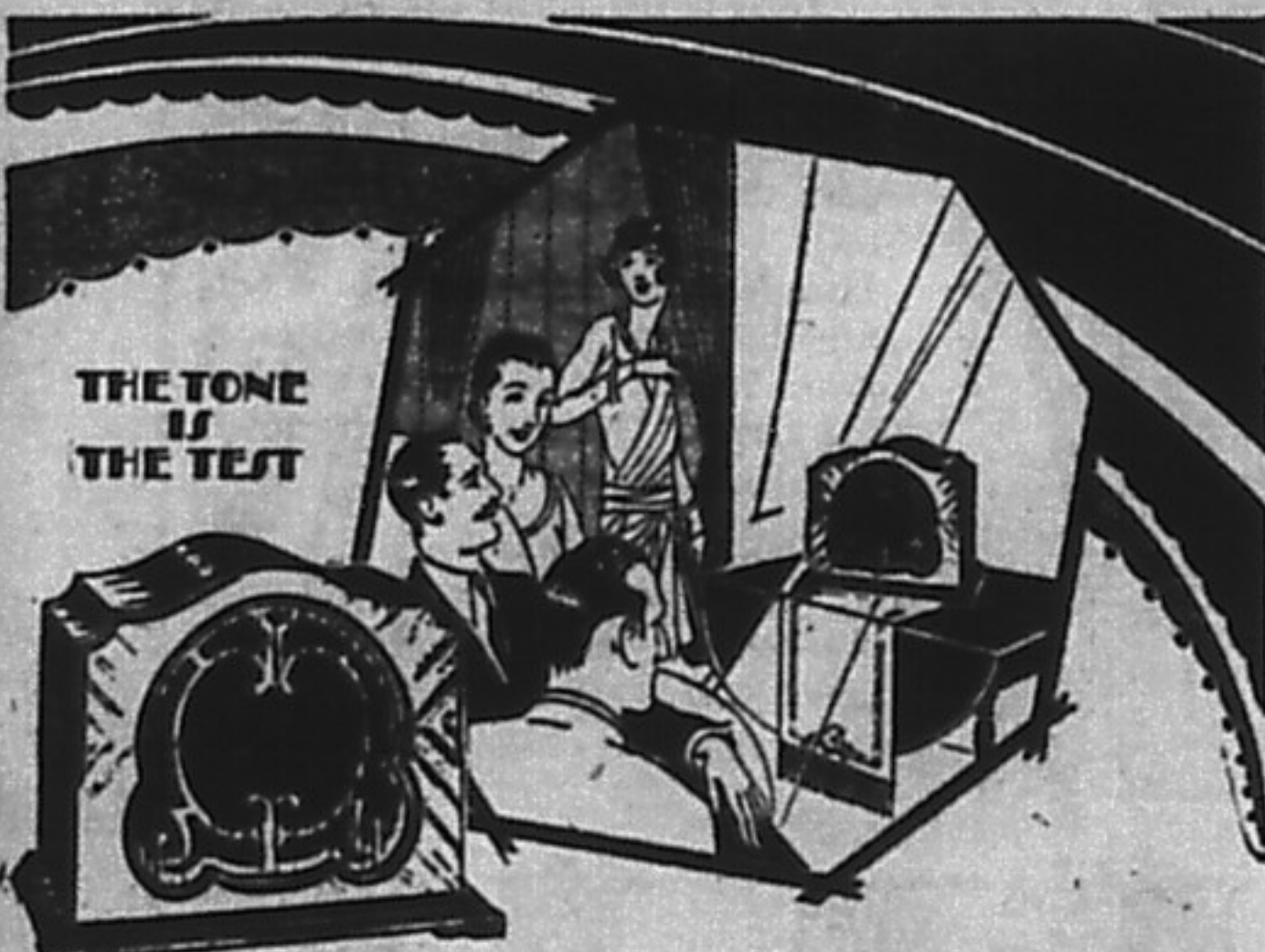
Public Ledger Radio Timetable  
SUNDAY, NOVEMBER 11TIME SIGNALS  
9:00—WJZ.  
9:00—WCAU.  
10:15—WEAF, WFL, WJZ.  
11:00—WCAU.

## Local Broadcasts

- 10:30 A. M.—WFL: Arch Street Methodist Episcopal Church service; sermon by Dr. Milton Harold Nichols; selections by Church Quartet; Ethel Richter Wilson, soprano; Alice Fidler Decker, contralto; Frank Orelsky, tenor; Arthur Seymour, baritone; Walter St. Clare Knoll, organist and director.  
10:30—WABY: Colonial Radio Hour.  
10:45—WJZ: Holy Trinity Church service; the Rev. Floyd W. Tomkins, pastor.  
WCAU: St. John's P. M. Church.  
11:00—WJZ: St. Paul's Church service; the Rev. Philip J. Steinhilber, pastor.  
11:15—WJZ: St. Paul's Church service; the Rev. Norman Davis, of Nigeria, West Africa, speaker.  
11:30 noon—WABY: Reliance Tailoring Company program.  
1:15 P. M.—WCAU: First Underdominion Radio Church service; the Rev. John W. Stockwell, pastor; addresses, "Being Progressive" and "A Square Peg in a Round Hole."  
1:30—WJIT, WEAF: Peerless Reproducers.  
2:00—WJIT: Public Ledger concert; address by Gordon W. Haines, commander, United States Navy; Benjamin Franklin Concert Orchestra, W. Irving Oppenheim, director; the Schumann Club, Frederick F. Leonard, director; Harmonica Band, Albert N. Hoxie, director; Alice Wightman, accompanist.  
2:15—WCAU: Studio program.  
2:30—WCAU: Fox News Fur Trappers in the North Woods.  
3:00—WCAU, WABC: Symphonic Hour.  
3:30—WCAU, WABC: Cathedral Hour.  
4:00—WCAU, WABC: Cathedral Hour.

- WJZ: St. Paul's Church service; the Rev. Philip J. Steinhilber, pastor.  
WJZ: St. Paul's Church service; the Rev. Herbert Hoxie, pastor; Mrs. Viola McDewitt, soprano.  
4:30—WFL: Chapel services, auspices Church Federation of Philadelphia; the Rev. Howard E. Hand, pastor of Park Avenue M. E. Church.  
5:00—WCAU: Hoxter Jubilee Singers.  
5:35—WCAU, WABC: Tenth Presbyterian Church service; the Rev. David G. Barnhouse, pastor.  
6:00—WCAU: Household Finance program; Landay Sisters.  
WFL, WEAF: Stetson Parade, with the Weymouth Post, American Legion Band.  
6:30—WCAU: Paul J. Devitt Orchestra; Sing Your Max.  
WJIT, WEAF: Acousticon hour.  
6:45—WFL: Golden Dragon Orchestra.  
7:00—WCAU (half hour): The Booth Family Hour; address, "Armistice Day," by Judge Frank Smith.  
WJIT, WEAF (half hour): Old Company's program; Reinald Werrenrath.  
7:15—WFL: Laurel Stylis.  
7:30—WCAU (half hour): Central Pioneer; King's famous poem, "Recessional."  
WJIT (half hour): Cathay Tea Garden Orchestra.  
WJIT (half hour): Sylvania Concert Orchestra.  
WABY: H. S. Miller & Son hour, present; Joe Eganor, tenor; Rose di Nardo, Mary Anderson, John L. Fraser, Jack Hunter.  
8:00—WCAU (half hour): The Blum Store Fashion Corner.  
WEAF: Kamholtz Girls.

WHOLESALE DISTRIBUTORS  
NEWCOMBE-HAWLEY  
DYNAMIC CONE REPRODUCERS  
FRANKLIN ELECTRIC CO.  
50 and 52 N. 7th St.  
Phila., Pa.

A REMARKABLE  
DYNAMIC  
REPRODUCER

MODEL 979  
Five Newcombe-Hawley  
Dynamic Cone Reproducers  
Furnished for battery or  
A.C. light socket connection.  
Furnished with Condition  
Equalizer which permits  
reproduction to be adjusted  
for variations in reception.

NEWCOMBE-HAWLEY  
DYNAMIC CONE REPRODUCERS

Hear a demonstration today!  
WHOLESALE DISTRIBUTORS  
FRANKLIN ELECTRIC CO.  
PEIRCE-PHELPS, INC.  
H. C. ROBERTS SUPPLY CO.  
R. E. TONGUE & BROS.

The exquisite design of this remarkable dynamic  
reproducer appeals instantly to everyone.  
The simple volume and fine tone quality surprises  
and delights the most critical radio audience. You  
need this handy portable dynamic reproducer in  
your home. Hear one today!

## Out-of-Town

- WEST (half hour): Royal Electric Mixed Quartet.  
8:15—WFL: Jefferson Havalana.  
8:30—WCAU, WABC (half hour): La Palma Hour; Olive Kline.  
WJIT (one hour): Trilling & Montague concert hour; Martha Everett, contralto; Virginia Snyder, accompanist.  
WABY: Armistice program; Ralph J. Borrelli, featuring memories of France.  
8:45—WFL: Palace program.  
9:00—WCAU, WABC (one hour): Majestic's Two Black Crows; Arnold Johnson's Orchestra.  
WABY: Palace program.  
9:15—WFL, WEAF (one hour): American Legion Armistice Day program; President Coolidge, John J. Pershing and Paul V. McNutt, speakers; music by the United States Army Band, music by the United States Army Band.  
9:30—WJZ: Carson's Jewish Radio Hour.  
10:00—WJZ: WFL Little Symphony Orchestra; Clarence Fuhrman, director; Armistice Day scenes; Frederick Homer, baritone.  
WCAU, WABC (half hour): De Forest Auditions; war songs.  
10:15—WFL, WEAF (one hour): Atwater Kent Radio Hour; Maria Kurenko, soprano.  
WJZ (one hour): Low White Ensemble.  
10:30—WCAU, WABC (half hour): Come to the Fair.  
11:00—WABY: Travesty on "Porgy"; Billy Scollow, master of ceremonies.

- 9:00—M—WJZ: NBC Children's Hour.  
10:00—WJZ: National Rime Quartet.  
10:30—WEAF: Sylvester Hour.  
WJIT, WEAF: Peerless Reproducers.  
11:00—WJZ: White House dinner music.  
11:30—WJZ: The Rocky Stripli; Vascha Bunchuk, cellist.  
WEAF: Musical drama, Naboth's Vineyard.  
12:30—WEAF: Frances Papette, soprano.  
1:30—WJZ: Young Peoples Conference; "Who Won the War?" by Dr. Daniel A. Poirer.  
2:00—WJZ: "Shall It Be War or Peace?" by Dr. Stephen S. Wise.  
2:30—WJZ: Armistice Day services in connection with International Good Will Congress; Metropolitan Opera House; speakers: Hon. George S. Messersmith, French Chamber of Deputies; the Rev. Dr. Frederick W. Norwood, City Temple, London; chairman, Major General Henry T. Allen.  
WEAF: "Angels Standing in the Sun."  
3:30—WJZ: True and False Nationalism, by Dr. Harry Emerson Fosdick.  
WEAF: Summary of programs.  
4:00—WEAF: Arcadia Birkenholz, violinist.  
4:30—WEAF: WFL half hour; Stetson Parade with the Weymouth Post, American Legion Band.  
5:00—WJZ (half hour): Whittall Anglo-Persians; war songs.  
WEAF: WFL (half hour): Acousticon Hour.  
5:30—WJZ (one hour): The Spotlight Hour; operettas of Victor Herbert.

WIAD WILL CHANGE  
ITS CALL TO WELK

Effective Tomorrow, With Dedication of New Quarters in Elks Home Tuesday

## GALA PROGRAM ARRANGED

Station WIAD, formerly located in the Hotel Vendig, but lately transferred to the Elks Home, Broad and Wood streets, has received authorization from the Federal Radio Commission to change its call letters to WELK.

The dedication exercises will be opened by officers of the Philadelphia Lodge, B. F. O. E. No. 2; George H. Wobensmith, exalted ruler; Harry S. Goldstein, esteemed leading knight; Edward A. Kelly, esteemed loyal knight; John A. Conway, esteemed lecturing knight; William F. Wolff, treasurer; F. Ralph Yocum, secretary; Jack Schiller, chairman of Board of Trustees; Cyrus S. Gerson, secretary of Board of Trustees; William A. Hagan, James A. Condon, Dr. E. M. Bartlett, trustees; city officials and prominent Philadelphians will attend. Other features that night will include leading theatrical celebrities playing in the city and Joe Murphy's original Lido Club Orchestra; Richard Bach, organist; the Four Stylanians; I. Hall Van Arsdale, concert baritone, and other features to be announced.

ENNA JETTICK QUARTET  
Group Will Sing Series of Famous Old War Songs  
Marching songs made famous by the World War will be sung by a mixed quartet during the Enna Jettick Melodies program to be broadcast through WJZ tonight at 8 o'clock.

THE NEW DYNALITE  
Eliminates interference from radio stations. Adds extra power to your set. Saves current and space. Improves reception. Attaches to antenna lead on any type set. No set complete without the New Dynalite. Satisfaction guaranteed. Mail Order Filled Free. Consult Dealer.  
Mail now. Check money order. Best O. O. D. plus postage. Dept. F. The Ranco Company. 170 Summer St., Boston, Mass.

# And Now Football in Your Home

## Play by Play Through Your ~

# Majestic

## ELECTRIC RADIO

### The Choice of a Million People

Hear the Super Dynamic Speaker  
Think! This wonder set that the whole world is talking about. That has set a new Radio Standard — at the lowest price good radio has ever been sold for. Hear this set NOW! You will realize why it is the best—the finest and most economical radio for YOU!

Only Stern & Co. could offer such terms on standard makes of radio. When you buy Majestic Radio you buy the best. Hear it today. Liberal Budget Service.

Without Ready Cash  
MAKE YOUR OWN TERMS

# \$137.50

## LESS TUBES

## MAIL THIS NOW!

STERN & CO., Radio Dept.,  
712-714 Market St., Phila.  
Gentlemen:—  
Without obligation on my part please tell me how I can buy  
The New Majestic A. C. Set Without Ready Cash  
Name .....  
Address .....  
City .....

Buy of  
**STERN**  
Pay as You  
**EARN**

CONVENIENT BUDGET SERVICE  
**Stern & Co.**  
712-714 MARKET ST.  
OPEN EVERY SATURDAY NIGHT

TUNE IN WITH US  
EVERY THURSDAY  
NIGHT-9:30 to 10 PM  
STATION WELK  
**Stern & Co.**  
JAZZ MELODY  
MASTERS



CANADIAN STATIONS  
RETAIN OLD WAVES

Are Not Affected by Nation-  
Wide Allocation Shake-up in  
the United States

## HAVE SIX CLEAR CHANNELS

Ottawa, Canada, Nov. 10.—(AP)—Radio listeners in the United States will find their favorite Canadian broadcasting stations on the same wave lengths, now that the new allocations have gone into effect in the United States.

By arrangement with the Canadian radio authorities, six channels are set aside for use by stations in the Dominion and broadcasters in this country will not be allowed to use these frequencies. They are 690, 730, 840, 910, 960 and 1030 kilocycles.

Stations which will use 690 kilocycles are CFAC, Calgary; CFCE, Ottawa; CFCO, Ottawa.

Stations on 730 kilocycles are CFCE, Montreal; CHYC, Montreal; CKAC, Montreal; CKOD, Vancouver; CKFC, Vancouver; CKMO, Vancouver; CKWX, Vancouver.

Stations on 840 kilocycles are CFCA, Toronto; CJB, Toronto; CKL, Red Deer, Alberta; CNRT, Toronto.

Stations using 910 kilocycles are CFC, Saskatoon; CUG, London, Ontario; CJBS, Saskatoon; CNRS, Saskatoon.

Stations on 960 kilocycles are CFY, Prince Edward Island; CFRB, York County, Ontario; CHWC, Regina; CJB, Regina; CKGW, Bowmanville, Ontario.

Stations on 1030 kilocycles are CJB, Sea Island, British Columbia; CNRV, Vancouver.

The Canadian National Railways has about a dozen studios which use other stations for transmission of their programs.

In addition to the six exclusive channels, Canadian stations share

**CROSLLEY RADIO**  
Time Payments  
HENRICK'S  
17TH & VENANGO STS.  
TELEPHONE 2678

Headquarters for  
**CROSLLEY RADIO**  
Terms if Desired—Prompt Service  
RADIO AND ELECTRIC SHOP  
12 E. Armat St., Gta., Phila.

**"You're there  
with a Crosley"**

**The Shop Electric**  
**CROSLLEY RADIO**  
Free Home Demonstration. Terms  
6138 LANSDOWNE AVE.  
Open Even. Tel. 1889

## Likes Loudspeakers



**JOHN S. TIMMONS**  
New engaged in raising the loud-  
speaker output of the Philadel-  
phia Storage Battery Company to  
3000 per day, declares he be-  
lieves the most intensive research  
work in radio lines is being car-  
ried on in developing and im-  
proving loudspeakers generally.

Twelve other channels with stations  
in the United States. These frequen-  
cies are 580, 600, 630, 780, 880, 930,  
1010, 1120, 1200 and 1210 kilocycles.  
In order to prevent interference  
with the programs of the Canadian  
stations, the Federal Radio Commis-  
sion has restricted the power of  
United States stations on these chan-  
nels, wherever they are within 300  
miles of the border, to 250 watts.

## NEWTON RADIO FORUM

Hour Change Caused by Federal  
Reallocations to Wednesday  
Due to the Federal reallocation of  
air stations the Newton Radio  
Forum will present its musical show  
on Wednesday evenings in the future.  
Instead of the customary Thursday  
evening.

Nelson Eddy, operatic baritone, will  
be the feature soloist on the first  
Wednesday night concert hour. The  
broadcast is still through WIP, and  
continues at the same time, from 9  
to 10 o'clock.

## Broadcasters, Attention

At a recent session of the Fed-  
eral Radio Commission the follow-  
ing order was unanimously ap-  
proved:

All broadcasting stations shall  
announce clearly and distinctly the  
character of all mechanical  
reproductions broadcast by them,  
the announcement to precede each  
such program item.

In such announcements each  
phonograph record used, what-  
ever its character, shall be de-  
scribed as a "phonograph record";  
each piano-player selection shall  
be described as played by "me-  
chanical piano-player"; every other  
mechanical reproduction shall be  
similarly described by the term  
generally used and understood by  
the public as meaning such me-  
chanical reproduction.

TEST RADIO TUBES  
BEFORE INSTALLING

Carelessness With Bulbs Costly,  
Says Fada Radio Company  
After Recent Check-up

## FOR LONGEVITY OF SET

"There is far more reason for  
testing radio tubes than for  
testing an electric light bulb, yet  
the latter has become a universal cus-  
tom of dealers, while the former has  
by no means become general," relates  
a writer in Fada Sales, in calling at-  
tention to the dire results of neglect-  
ing this simple operation.

"From reports reaching us," says  
Fada Radio, "it is incredibly evident  
that many dealers are still not test-  
ing tubes before installing them in  
receivers. Radio sets cannot operate  
at standard if one of the tubes is low  
emission or defective.

"Make sure that tubes are tested  
before they are installed in a radio  
set. When you purchase an electric  
light bulb the clerk tests it for you  
in a socket to show you that it is in  
working order and lights. This prac-  
tice has become so universal that it  
is taken for granted.

"A radio tube is a much more de-  
licate electrical mechanism than a  
light bulb and there are ten times  
as many reasons for carefully testing  
it before installation in a receiving  
set or selling it across the counter.  
"It is an easy matter to test tubes  
in a regular tube tester, which should  
be a part of every radio merchant's  
equipment, and isn't it better to test  
tubes before they are put in use in  
your store than to answer an un-  
necessary complaint from a customer?"

"Since the introduction of AC  
tube electric sets, carelessness in the  
matter of testing tubes seems to be  
growing worse instead of better. It is  
an impossibility to expect all tubes  
to be 100 per cent perfect and the  
only way you will catch the bad ones  
is by testing them. Guesswork won't  
do the trick, but a tube tester will  
do it for you.

"In a recent check of complaints  
received by dealers, it was found that  
about 75 per cent of the calls related  
directly to tubes that were below par  
for one reason or another. Many  
dealers have found that a free tube-  
testing service is not only a good  
advertisement but also eliminates  
many unnecessary service calls. "Set  
owners should bring their tubes in  
for free testing every three or four  
months. In making installations the  
dealer should be sure that every tube  
has been tested before it is placed  
in the set. Some dealers even use a  
small sticker, pasting it on the tube  
after it has been tested."

## FOSDICK ON NATIONALISM

"True and False Nationalism" Topic  
of Clergyman This Afternoon  
"True and False Nationalism" will  
be the subject of an address by Dr.  
Harry Emerson Fosdick during the  
National Religious Service to be  
broadcast through WJZ under the  
auspices of the Federal Council of  
Churches of Christ in America this  
afternoon, at 5:30 o'clock.

All Philadelphia Radio  
Stations Change Waves

The wave lengths of all radio stations in Philadelphia and the Phila-  
delphia metropolitan area, as well as virtually all stations in the country,  
have been changed by the reallocations ordered by the Federal Radio Com-  
mission, effective today.

Stations WJZ and WEA, virtually "local" for most Philadelphians, are  
also affected.

All the stations just mentioned are listed below according to kilocycle  
frequencies (wave lengths) beginning with the longest wave stations first.  
Stations WFI and WLIT, which share time on the same wave length,  
head the list because, under the new allocations, these stations now operate  
on a frequency of 560 kilocycles (a wave length of 535.5 meters), which is,  
incidentally, the next to the longest wave in the entire broadcast band.

If the dials on your receiver are numbered from 1 to 100 and if WFI  
and WLIT come in on your set very close to the 100 mark, then Stations  
WIP and WFAN will come in just a little below the WFI-WLIT setting,  
WEAF a little below that, WJZ a little below WEAF and so on down the  
list, in the order in which they are here listed.

If the dials on your set are numbered from 1 to 100 and Stations  
WFI and WLIT come in very close to the 1 mark, then the order in which  
the stations come in will range from the 1 mark upward on the dial, but  
still in the order in which they are here listed.

In addition to frequencies and wave lengths, both old and new, the  
list here printed shows the old power in watts and the new power in  
watts. These are the same in all cases except for Station WCAU, which  
has been authorized to operate on 5000 watts. It is operating on 1000  
watts at present and will continue to do so until the new 5000-watt  
installation is completed.

An inspection of the list below shows that Stations WIP and WFAN,  
which share time on the same wave, 491.5 meters, will now operate on  
the old wave formerly used by Station WEAF. That is, WIP and WFAN  
will now come in on your set where you formerly got WEAF.

And Station WEAF is now operating on 454.3 meters, the wave on  
which WJZ formerly operated. So WEAF will now come in on your set  
at the dial settings on which you formerly got WJZ. Station WJZ will  
now be found several points below its former dial settings.

Note that Station WIAD has changed its call letters to WELK. This  
change will not be made formally until Tuesday night, but the station  
will operate as WELK beginning tomorrow.

Station WIBG, Elkins Park, will operate on its new wave, 322.4 meters,  
only during the period 6 A. M. to 6 P. M.

Station WCAU will operate full time on its cleared channel of 256.3  
meters.

Station WCAM is assigned 234.2 meters, but shares time with several  
West Jersey stations.

Stations WNAT, WPKD and WABY will share time on 288.9 meters,  
as will also Stations WOO, WBBW, WALK and WPSW on 199.9 meters.  
This latter wave is the shortest in the broadcast spectrum.

LOCAL STATIONS REALLOCATIONS					
Call Letters	New Freq. in Kcys.	Old Freq. in Kcys.	New Wave in Meters	Old Wave in Meters	Old Power in Watts
WFI	560	740	535.5	405.7	500
WLIT	560	740	535.5	405.7	500
WIP	610	860	491.5	348.6	500
WFAN	610	860	491.5	348.6	500
WEAF	660	610	454.3	491.5	50,000
WJZ	780	660	394.5	454.3	30,000
WIBG	830	830	360.2	360.2	50
WCAU	1170	1150	258.3	260.7	5,000
WCAM	1280	1340	234.2	223.7	500
WNAT	1310	1040	228.9	288.3	100
WPKD	1310	1210	228.9	247.8	50
WABY	1310	1210	228.9	247.8	50
WELK	1370	1040	218.8	268.3	100
WRAX	1440	1410	208.2	212.6	250
WOO	1500	860	199.9	348.6	100
WBBW	1500	1380	199.9	220.4	100
WALK	1500	1490	199.9	201.2	50
WPSW	1500	1450	199.9	206.8	50

SIMPLICITY OF SET  
STABILIZES RADIO

Mass of Wires No Longer  
Necessary With Present-  
Day Cabinets

## HOME-MADE SET IS PASSE

"Simplicity of operation is the fea-  
ture of the up-to-date radio that is  
most widely sought at the present  
time by the lovers of radio broad-  
casting," according to the belief of  
Harry Boyd Brown, merchandising  
and advertising counselor for the  
Philadelphia Storage Battery Com-  
pany, manufacturers of the new  
Philco Neutrodyne-plus radio set.

"Only a few years ago," Mr. Brown  
elaborated, "radio was an idea of un-  
known value, and it was accepted  
with a great deal of skepticism on the  
part of the public.

"This was immediately followed by  
a rush on the part of individuals to  
get the first sets in town or the first  
ones in their neighborhood or to  
be the first in their localities to get  
New York or San Francisco, regard-  
less of the type of set that was used  
as long as the goal was attained.

"The radio sets that were used at  
that time would serve well as antiques  
today, radio set manufacture has  
progressed so rapidly. There was a  
mass of wire, old but pretentious-  
looking parts, knobs, dials and what-  
not that spread over the table or  
stand the radio set graced.

"And from that as the starting  
point the magic parts flooded over the  
entire room, on to the roof and into  
the basement.

"Then the craze for home-made  
sets subsided, and in its place came  
a desire to obtain just the opposite  
kind—one that was simple, well-built  
and attractive to the eye. Still later,  
with the advent of the all-electric  
set, radio really came into its own."

## ARMISTICE PROGRAM

Peerless Reproducers Have Medley  
of Old War Songs

A program of war songs in com-  
memoration of Armistice Day will be  
heard through WLIT WEAF during  
the broadcast by the Peerless Repro-  
ducers today at 1:30 o'clock.

"Keep the Home Fires Burning," Novello  
"Roses of Picardy," Wood  
"There is No Death," O'Hara  
"The World is Waiting for the Sunrise," Hain  
"The World is Waiting for the Sunrise," Hain  
"The World is Waiting for the Sunrise," Hain  
"The World is Waiting for the Sunrise," Hain

BRISTOL, PA., HEADQUARTERS  
**COLONIAL**  
THOMAS PROFF  
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Bristol 254-W

"We Have It"  
**COLONIAL**  
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Phone Columbia 5175

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Easy Payments  
C. N. LOVETT, Elec. Shop  
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**COLONIAL RADIO?—YES!**  
ROYAL RADIO CO.  
416 W. GIRARD AVE.  
Hos. 17—On East Ferry  
Quick Delivery—No Red Tape  
Phone Market 1654 Open Even.

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Free Demonstration!  
**CASH  
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TERMS  
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MARKET ST.

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ZUCKER RADIO CO.  
Loren's De Luxe Radio Store  
4541 N. BROAD ST.  
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TERMS ARRANGED—QUICK DELIVERY  
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Authorized Sales and Service  
**COLONIAL**  
A Year's Service With Each Set  
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Free Home Demonstration—Easy Terms  
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Come in and let us demonstrate the new  
Colonial Radio with the new Dynamic  
Speaker

No Down Payment  
**CARSON'S RADIO STORES**  
518 SOUTH ST. 1041 SOUTH ST.  
LOMBARD 7235 PENNY 3484

**\$268**  
LESS TUBES  
CARSON'S RADIO STORES

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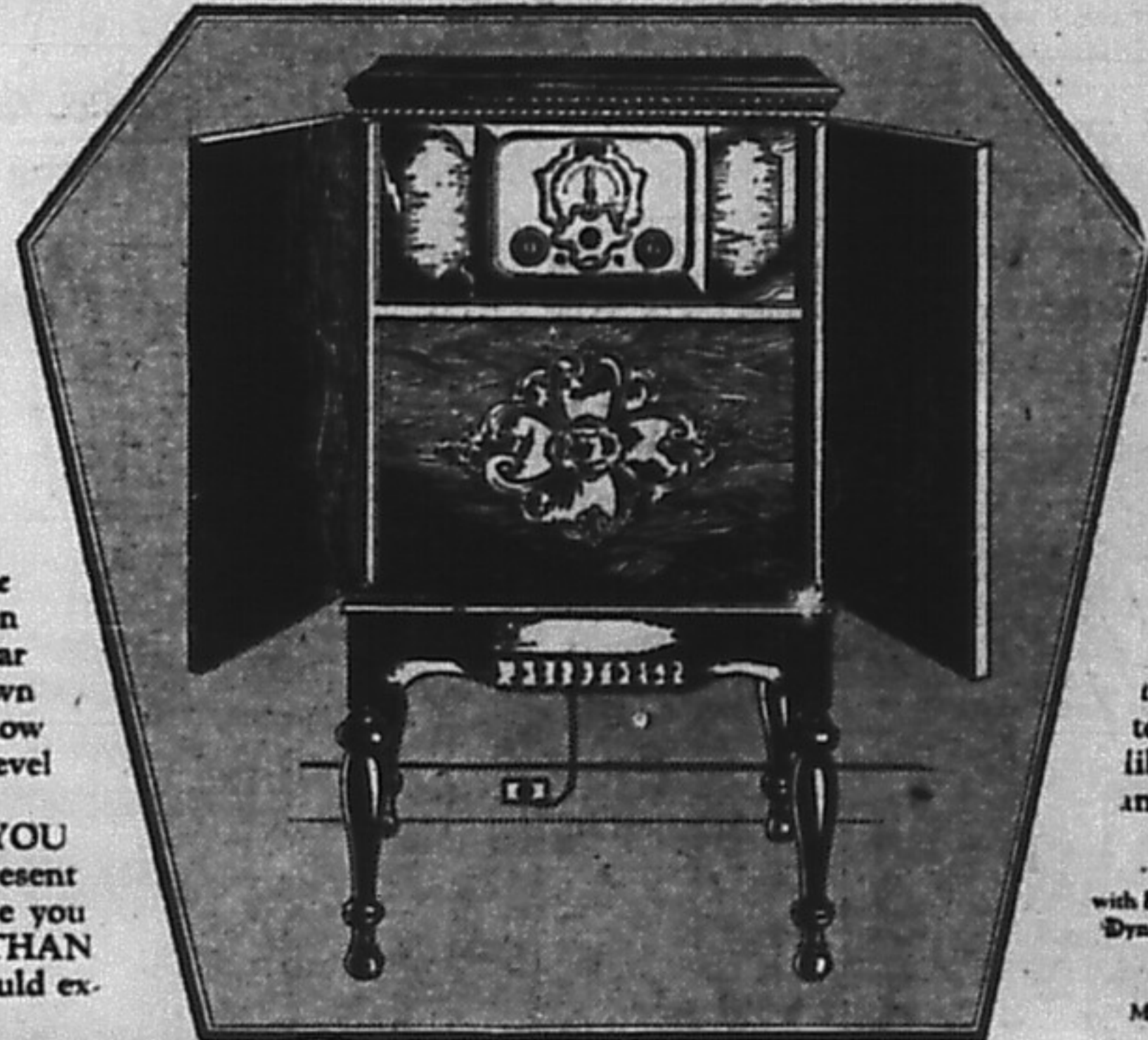
# RADIO'S CLEAREST VOICE

Unlike all other  
Dynamics...only with  
**COLONIAL** can you get  
CUTTING DYNAMIC RECEPTION

**BEFORE** you buy ANY Radio,  
hear "Radio's Clearest Voice."  
The NEW Colonial, with Dr. Cut-  
ting's marvelous new invention, the  
Cutting Dynamic Speaker, is unlike  
all other electric radio. Look inside  
the beautiful consoles and see how  
marvelously the all-steel receiver  
and speaker chassis are constructed  
—and with what perfection they  
coordinate.

It is not possible just to imagine  
what Dr. Fulton Cutting's invention  
has accomplished. You must hear  
it...see it...operate it with your own  
hands...before you can realize how  
high he has raised the entire level  
of radio.

The NEW Colonial will give YOU  
the satisfactions which your present  
set does not supply...and give you  
those satisfactions for LESS THAN  
HALF THE PRICE you would ex-  
pect to pay for them.



In every respect...from the bulky  
in Cutting Dynamic Power Speaker  
down to such details as the auto-  
matic voltage regulator for efficient  
operation of tubes, the Cutting  
volume control, the beautiful flood-  
lighted full vision dial, the single-  
tuning control, the pick-up jack for  
dynamic reproduction of phono-  
graph records, the cleverly carved  
speaker overlay...Colonial is the one  
radio that will gratify your highest  
hopes.

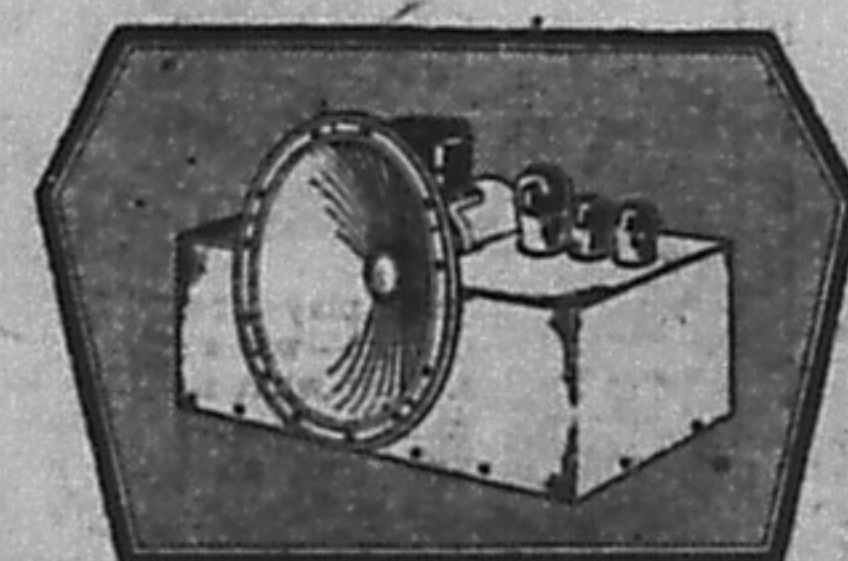
Hundreds of dealers are now fea-  
turing the new Colonial...offering  
to install it for a small deposit and on  
liberal terms. Get a demonstration  
and the FACTS now!

The COLONIAL illustrated is  
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Dynamic Speaker EXTRA  
CONVENIENT TERMS, IF DESIRED  
Models for DIRECT and Alternating Current

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The Cutting Dynamic Speaker has a  
larger electro magnetic, a larger float-  
ing cone, a much larger driving coil than other  
dynamics. The clever design and combin-  
ation of these elements have produced the  
effect that is little short of revolutionary.



CUTTING DYNAMIC POWER SPEAKER  
UNIT built in the Colonial.

Tune in on the  
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WCAU 8:30 to 9:00  
WOR 8:00 to 9:00  
EVERY THURSDAY NIGHT

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Keystone, Room 3572

**COLONIAL RADIO CORPORATION**  
LONG ISLAND CITY, N. Y.

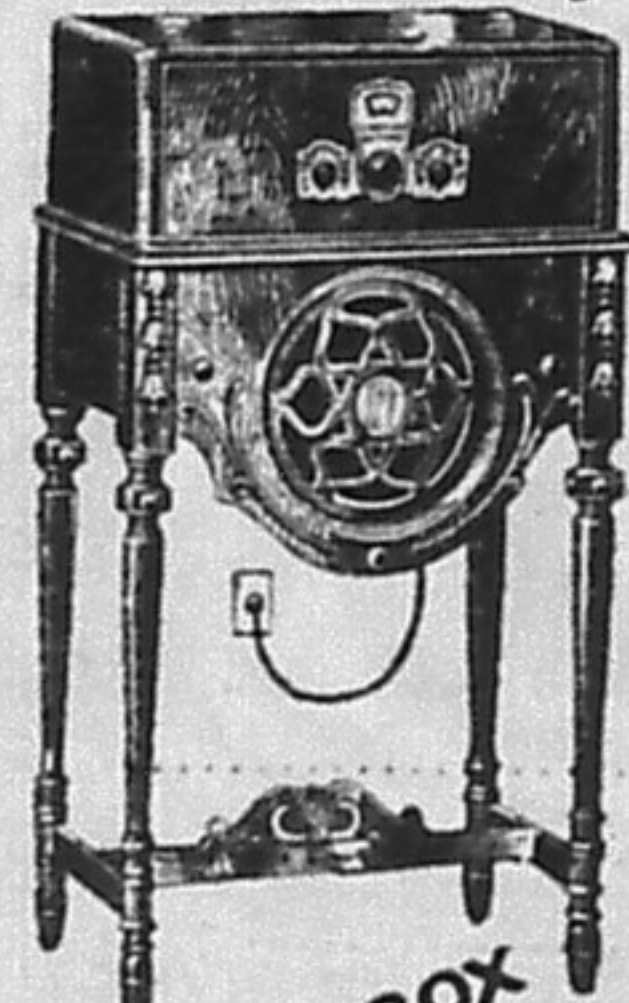
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the  
entertainment...  
**1929**  
~ today  
...You're there with a Crosley...



AC ELECTRIC  
POWER SPEAKER  
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\$65

Crosley has designed a re-  
markable radio and with  
their mass production  
methods produce it at an  
almost incredible price  
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Sensitive — selective —  
power speaker operating  
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dial — low voltage on tubes  
to insure their long life —  
it is this year's most dis-  
cussed success and will be  
the outstanding seller of  
1929.  
The Crosley DYNACONE — a  
true dynamic power speaker is  
the phenomenon of this season.  
\$25...and all that you can  
possibly desire in beautiful tone,  
power volume and realism!  
Crosley also builds an 8 tube  
AC SHOWBOX (\$80), with  
push-pull 171 output tubes  
which in combination with a  
beautiful walnut veneer  
SHOWBOX cabinet with Dyna-  
cone built in is \$137...and  
in a richly finished slide door  
console cabinet is \$159.50.  
Dry cell operated BANDBOX,  
JP, operating loud speaker  
— \$15.  
Battery type BANDBOX,  
— giving same performance as  
new Crosley AC models — \$55.

A C electric radio...  
..perfected dynamic power  
speaker..beautiful console..  
ready to attach to your antenna



**CROSLLEY GEMBOX**  
the radio hit of the season  
**DYNACONE**  
genuine power dyna-  
mic speaker built in  
**SHOWERS**  
CABINET  
nationally  
advertised  
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**\$115.**

Nothing else to buy but tubes  
Here is radio's greatest value  
— a complete console — com-  
pact — graceful — exquisi-  
tely proportioned. A product  
of the great Showers furni-  
ture factories (largest in the  
world). Such resources as  
theirs and Crosley's permits  
a price for a truly superior  
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not match.

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